Understanding Vision to Avoid Costly Falls

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What is Good Vision?

- 20/20?
- 20/15?
- Large field of vision?
- "Vision is the deriving of meaning and direction of action as triggered by light"
- Paul Harris OD- Kraskin & Skeffington Institute, Baltimore Academy for Behavioral Optometry

Vision Facts

- NHI Interview: 20.6 mil American Adults age 18 and older reported vision loss.
- 5.3 mil age 65 and older reported significant vision loss.
- Only 1% born without sight.
- Estimated 61 mil adults are at high risk for vision loss yet only half had an exam in the past 12 months.

Vision Facts Cont'

- Survey through Lighthouse International reported vision was the most feared sense to lose at 82%.
- 86% have and/or a family member have an eye disease and do not get annual eye exams.
- Va 20/40 or worse had nearly 3-fold increase in fear of falling.
- 80% of vision loss is preventable!

Top Causes of Vision Loss Age 65 and Older

- Refractive/Glasses
- Cataracts
- Glaucoma
- Age-Related Macular Degeneration
- Diabetes

Refractive/Glasses

- Myopia (Nearsighted)
- Hyperopia (Farsighted)
- Astigmatism
- Presbyopia
- Single Vision vs Bifocals: (Line vs Progressive)
- Walking in Reading glasses

Cataracts

- Types
- Symptoms
- Leading cause of blindness in developing nations
- Early Surgery reduces rate of falls by 34%

Glaucoma

- "Silent Disease"
- Greater incidence over 40 yoa
- Peripheral field loss
- Treatment options

Age-Related Macular Degeneration

- Leading cause of vision loss in older adults (13 mil Americans)
- Ory vs Wet
- Amsler Grid
- Treatment

Diabetes

- Affects the whole body
- No early warning signs for retinopathy
- Visual Symptoms
- 2013 study in Journal of Aging Research concluded that those elderly individuals with diabetes that fall tend to have more serious injuries and prolonged healing.

Other Cardiovascular/Ischemic Causes of Vision Loss

- Strokes
- Traumatic Brain injuries
- Optic Neuropathies: (Sleep Apnea)

Low Vision Rehabilitation

- Low vision referrals
- Low vision aids
- OT programs for independent living.

Conclusion

- Get Annual Dilated exams and Don't wait for your annual if something has changed.
- Lets work on preventing severe vision loss instead of dealing with it!
- Thank You!

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